

Registration No:

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Total Number of Pages: 04

B.TECH
PECI 5405

7th Semester Regular / Back Examination 2015-16
ESTIMATION, COSTING AND PROFESSIONAL PRACTICE

BRANCH: CIVIL

Time: 3 Hours

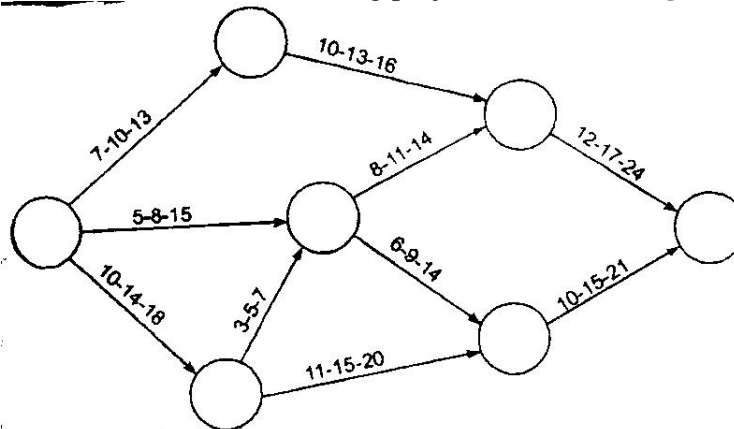
Max Marks: 70

Q. CODE: T650

Answer Question No.1 which is compulsory and any five from the rest.

The figures in the right hand margin indicate marks.

- Q1 Answer the following questions: (2 x 10)
- What is plinth area estimate?
 - What are the unit of fixing chaukhats in openings and GI sheet roofing?
 - Differentiate between event and activity.
 - Define overhead charges.
 - Calculate the requirement of labour for 1000 cu.ft Earthwork.
 - What are the main aims of specification?
 - Write standard specification for foundation concrete for Class 'B' Building.
 - What is a dummy activity?
 - What is project planning?
 - State the purposes of rate analysis.
- Q2 Estimate the quantities of the following items of work for a building as shown in **Fig 1**.
- Earthwork in filling. (5)
 - 2.5 cm 1:2:4 cement concrete DPC. (5)
- Q3 Estimate the following quantities of a pipe culvert as shown in **Fig. 2**
- Earthwork in excavation in foundations. (5)
 - Cement concrete 1:4:8 in foundations. (5)
- Q4 The network for a certain Building project is shown in **Fig 3** ,Determine (10)



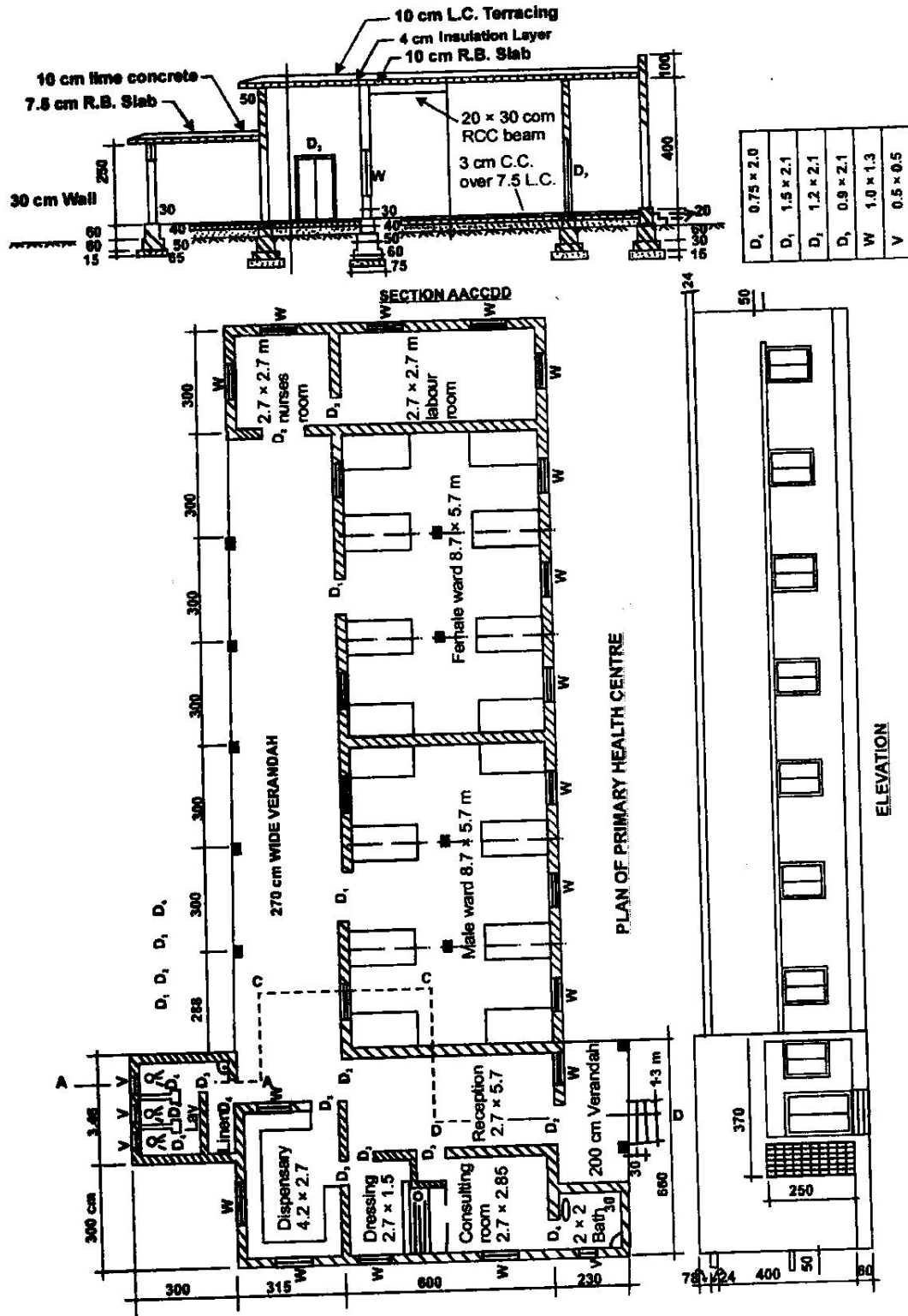


Fig 1

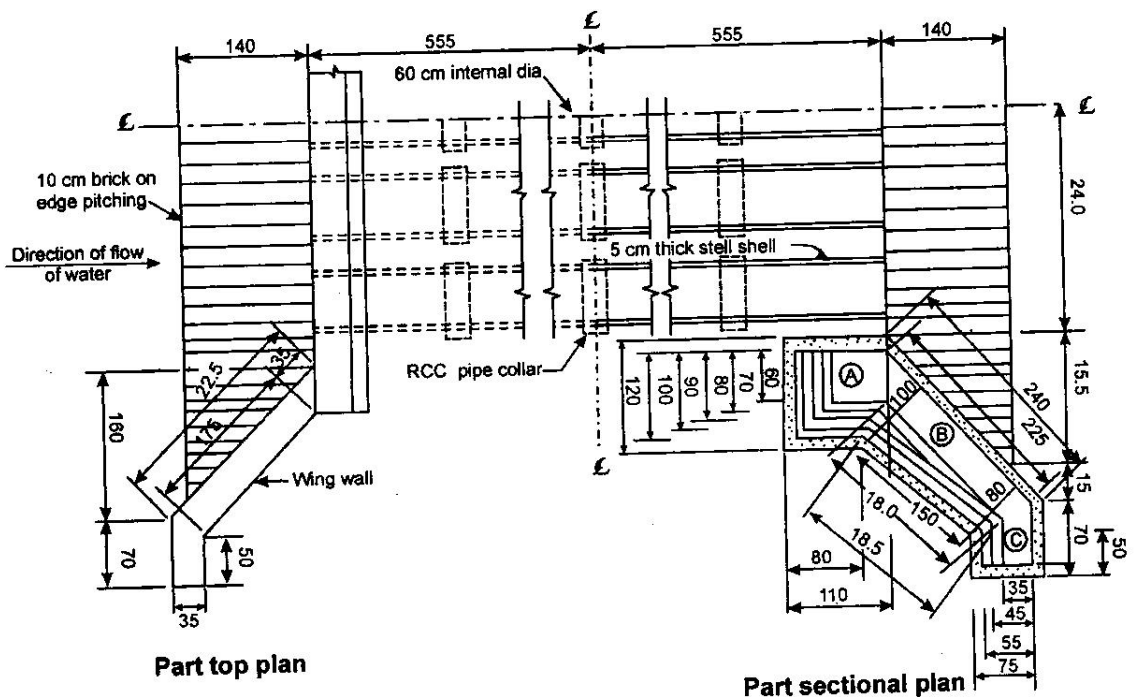
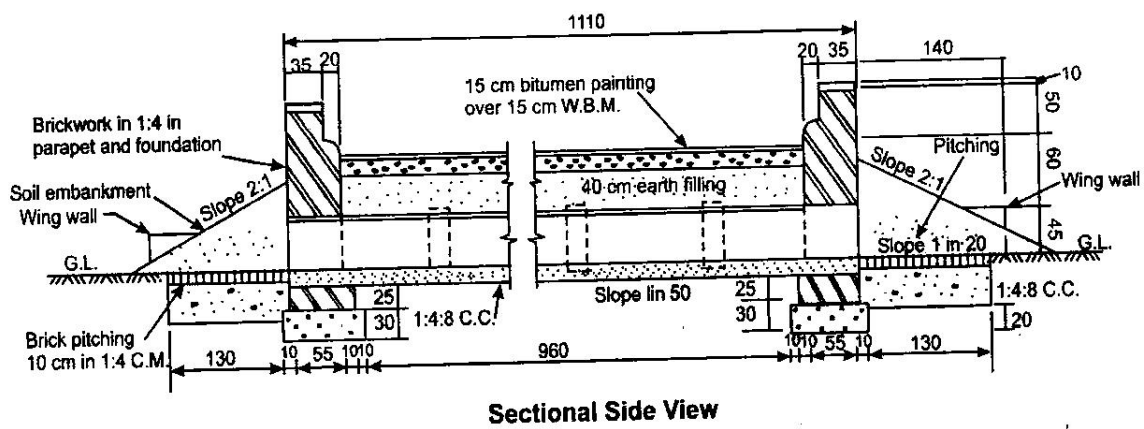
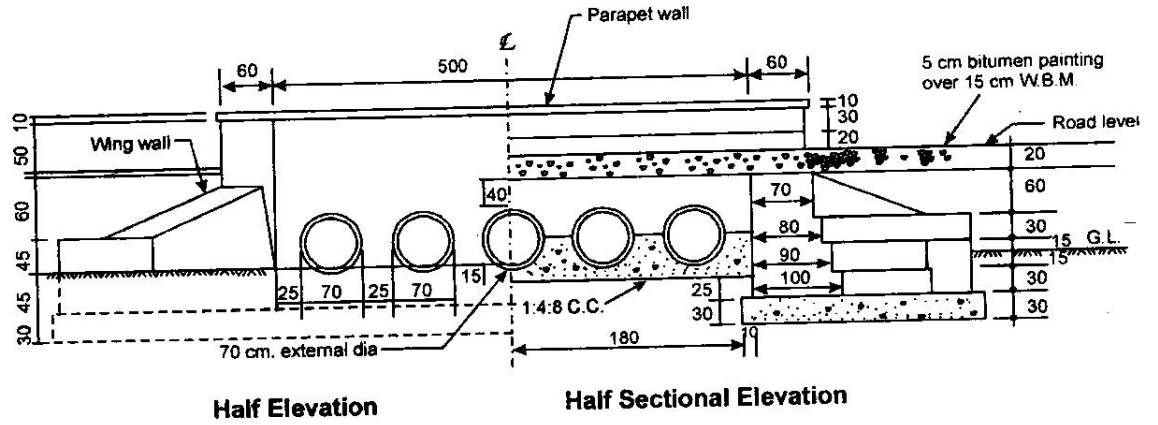


Fig 2